

REMARKS

Claim 4 is pending in the application. Claim 4 presently stands rejected.

The title of the invention is objected to. Applicants amend the title to overcome this objection.

Claim 4 is rejected under 35 U.S.C. § 102(b) as being anticipated by Kurihashi et al. (JP 63-194543).

Reconsideration and allowance of claim 4 is respectfully requested in view of the following remarks.

Analysis

Claim 4 is directed to the third embodiment of the invention, which is illustrated by example in Fig. 11. As recited in claim 4, in a stator of an AC generator, a group of conductor wires are accommodated within a slot portion of a cylindrical stator core, and most of these wires are formed into a polymorphic cross-section. These wires are accommodated within the slot portion so that each of their longitudinal axis (see Fig. 12) extends in the radial direction of the stator core.

JP '543 completely fails to teach or suggest this feature. Instead, the longitudinal cross section of the wires extends perpendicularly to the radial direction of the stator core.

In claim 4, the major part of the conductor wires of polymorphic cross-section which are accommodated within the slot portion is directed such that the longitudinal axis of cross-section thereof extends in the radial direction of the stator core. As a result, the radial rigidity of the stator is strengthened over the entire circumference, and the vibration amplitude due to the radial vibration mode of the stator is suppressed to reduce electromagnetic noise.

AMENDMENT UNDER 37 C.F.R. § 1.111
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JP '543 fails to teach or suggest that the radial rigidity of the stator is strengthened over the entire circumference by accommodating the conductor wires within the slot so that the great part of their longitudinal axis extends in the radial direction of the stator core. Further, JP '543 fails to teach or suggest that electromagnetic noise is reduced by strengthening the radial rigidity of the stator over the entire circumference.

Consequently, JP '543 fails to anticipate claim 4 for at least the above reasons.

Conclusion


In view of the foregoing, the claims are now believed to be in form for allowance, and such action is hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, he is kindly requested to contact the undersigned at the telephone number listed below.

Applicant hereby petitions for any extension of time which may be required to maintain the pendency of this case, and any required fee, except for the Issue Fee, for such extension is to be charged to Deposit Account No. 19-4880.

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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE TITLE:

The title is changed as follows:

STATOR OF AC GENERATOR FOR USE IN A VEHICLE [AND METHOD OF
MANUFACTURING THE SAME]

IN THE SPECIFICATION:

The specification is changed as follows:

Page 1, paragraph 1:

This is a divisional of Application No. 09/313,640 (Confirmation No. [*Not Assigned*]
6657), now USP 6,281,612, filed May 18, 1999, the disclosure of which is incorporated herein
by reference.